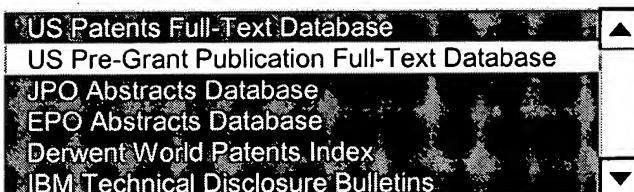


WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
S.DWPI,TDBD,EPAB,JPAB,USPT.	5344167
CETYLPYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	2469
CHLORIDE.DWPI,TDBD,EPAB,JPAB,USPT.	652716
CETYL.DWPI,TDBD,EPAB,JPAB,USPT.	26785
PYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	24424
CATIONIC.DWPI,TDBD,EPAB,JPAB,USPT.	118515
SURFACTANT.DWPI,TDBD,EPAB,JPAB,USPT.	192167
SURFACE.DWPI,TDBD,EPAB,JPAB,USPT.	5371763
ACTIVE.DWPI,TDBD,EPAB,JPAB,USPT.	1099127
((S ADJ 1) AND (((CETYLPYRIDINIUM ADJ CHLORIDE) OR (CETYL ADJ PYRIDINIUM ADJ CHLORIDE)) OR (CATIONIC ADJ SURFACTANT)) OR (CATIONIC ADJ SURFACE ADJ ACTIVE))).USPT,JPAB,EPAB,DWPI,TDBD.	0
(S L1 AND (CETYLPYRIDINIUM CHLORIDE OR CETYL PYRIDINIUM CHLORIDE OR CATIONIC SURFACTANT OR CATIONIC SURFACE ACTIVE)).USPT,JPAB,EPAB,DWPI,TDBD.	0



Database:

Search:

←

Search HistoryDATE: Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

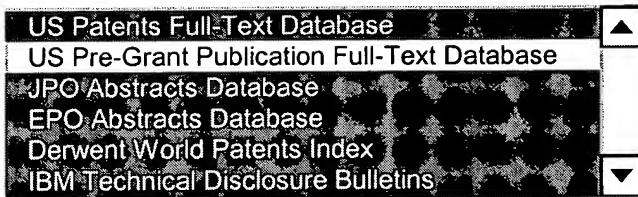
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
<u>L3</u>	s 11 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s 11 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
(17 AND 19).USPT,JPAB,EPAB,DWPI,TDBD.	15
(L19 AND L17).USPT,JPAB,EPAB,DWPI,TDBD.	15

**Database:**

Search:

Search History**DATE:** Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

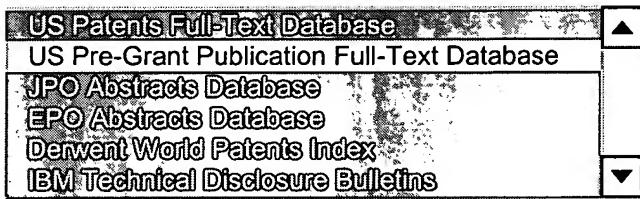
Hit Count Set Name
result set

<u>L20</u>	119 and 117	15	<u>L20</u>
<u>L19</u>	118 and 115	97	<u>L19</u>
<u>L18</u>	114 and zinc chloride	211	<u>L18</u>
<u>L17</u>	116 and zinc.clm. and (cetylpyridinium.clm. or cetyl pyridinium.clm.)	28	<u>L17</u>
<u>L16</u>	115 and (zinc.clm. or cetylpyridinium.clm. or cetyl pyridinium.clm. or plaque.clm.)	210	<u>L16</u>
<u>L15</u>	114 and (plaque or mouthwash or mouthrinse or dentifrice or toothpaste)	437	<u>L15</u>
<u>L14</u>	zinc and (cetylpyridinium or cetyl pyridinium)	1558	<u>L14</u>
<u>L13</u>	111 and (plaque or mouthwash or mouthrinse or toothpaste or dentifrice)	5	<u>L13</u>
<u>L12</u>	111 and 11	2	<u>L12</u>
<u>L11</u>	inulin and (cetylpyridinium or cetyl pyridinium)	55	<u>L11</u>
<u>L10</u>	18 and (cetylpyridinium or cetyl pyridinium or cationic surfactant? or cationic surface-active or cationic surface active)	6	<u>L10</u>
<u>L9</u>	18 and 16	0	<u>L9</u>
<u>L8</u>	17 and 11	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
<u>L6</u>	15 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	14 and 11	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s 11 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s 11 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licocoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
(17 AND 19).USPT,JPAB,EPAB,DWPI,TDBD.	15
(L19 AND L17).USPT,JPAB,EPAB,DWPI,TDBD.	15

Database:**Search:** **Search History****DATE:** Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
INULIN.DWPI,TDBD,EPAB,JPAB,USPT.	2385
CETYLPYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	2469
CETYL.DWPI,TDBD,EPAB,JPAB,USPT.	26785
PYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	24424
(INULIN AND (CETYLPYRIDINIUM OR (CETYL ADJ PYRIDINIUM))).USPT,JPAB,EPAB,DWPI,TDBD.	55
(INULIN AND (CETYLPYRIDINIUM OR CETYL PYRIDINIUM)).USPT,JPAB,EPAB,DWPI,TDBD.	55

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

 Search History

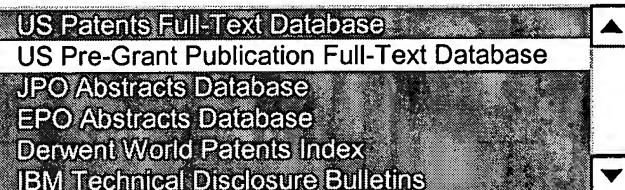
DATE: Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ</i>			
<u>L11</u>	inulin and (cetylpyridinium or cetyl pyridinium)	55	<u>L11</u>
<u>L10</u>	18 and (cetylpyridinium or cetyl pyridinium or cationic surfactant? or cationic surface-active or cationic surface active)	6	<u>L10</u>
<u>L9</u>	18 and l6	0	<u>L9</u>
<u>L8</u>	17 and l1	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
	15 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	l4 and l1	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s l1 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s l1 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
(11 AND 1).USPT,JPAB,EPAB,DWPI,TDBD.	2
(L11 AND L1).USPT,JPAB,EPAB,DWPI,TDBD.	2

**Database:**

Search: L12

Search History**DATE:** Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

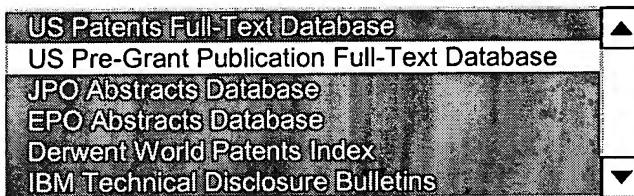
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
<u>L12</u>	l11 and l1	2	<u>L12</u>
<u>L11</u>	inulin and (cetylpyridinium or cetyl pyridinium)	55	<u>L11</u>
<u>L10</u>	l8 and (cetylpyridinium or cetyl pyridinium or cationic surfactant? or cationic surface-active or cationic surface active)	6	<u>L10</u>
<u>L9</u>	l8 and l6	0	<u>L9</u>
<u>L8</u>	l7 and l1	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
<u>L6</u>	l5 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	l4 and l1	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s l1 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s l1 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licocoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
PLAQUE.DWPI,TDBD,EPAB,JPAB,USPT.	28494
MOUTHWASH.DWPI,TDBD,EPAB,JPAB,USPT.	3855
MOUTHRINSE.DWPI,TDBD,EPAB,JPAB,USPT.	392
TOOTHPASTE.DWPI,TDBD,EPAB,JPAB,USPT.	10211
DENTIFRICE.DWPI,TDBD,EPAB,JPAB,USPT.	5421
(11 AND (MOUTHRINSE OR MOUTHWASH OR DENTIFRICE OR TOOTHPASTE OR PLAQUE)).USPT,JPAB,EPAB,DWPI,TDBD.	5
(L11 AND (PLAQUE OR MOUTHWASH OR MOUTHRINSE OR TOOTHPASTE OR DENTIFRICE)).USPT,JPAB,EPAB,DWPI,TDBD.	5

Database:**Search:**

L13	<input type="button" value="Refine Search"/>
<input type="button" value="Recall Text"/> <input type="button" value="Clear"/>	

Search History**DATE: Monday, April 28, 2003** [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

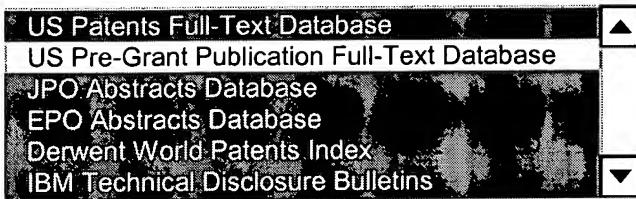
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
	result set		
<u>L13</u>	l11 and (plaque or mouthwash or mouthrinse or toothpaste or dentifrice)	5	<u>L13</u>
<u>L12</u>	l11 and l1	2	<u>L12</u>
<u>L11</u>	inulin and (cetylpyridinium or cetyl pyridinium)	55	<u>L11</u>
<u>L10</u>	l8 and (cetylpyridinium or cetyl pyridinium or cationic surfactant? or cationic surface-active or cationic surface active)	6	<u>L10</u>
<u>L9</u>	l8 and l6	0	<u>L9</u>
<u>L8</u>	l7 and l1	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
<u>L6</u>	l5 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	l4 and l1	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s l1 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s l1 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
(8 AND 6).USPT,JPAB,EPAB,DWPI,TDBD..	0
(L8 AND L6).USPT,JPAB,EPAB,DWPI,TDBD..	0

**Database:**

Search:

Search History**DATE:** Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

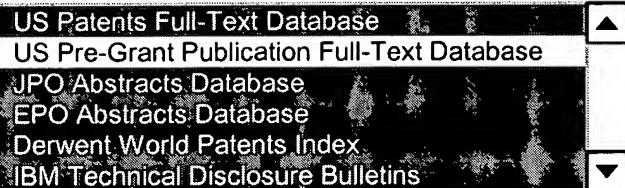
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
<u>L9</u>	18 and 16	0	<u>L9</u>
<u>L8</u>	17 and 11	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
<u>L6</u>	15 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	14 and 11	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s 11 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s 11 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licocoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
(8 AND 6).USPT,JPAB,EPAB,DWPI,TDBD.	0
(L8 AND L6).USPT,JPAB,EPAB,DWPI,TDBD.	0

**Database:****Search:** **Search History****DATE:** Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query
side by sideHit Count Set Name
result set

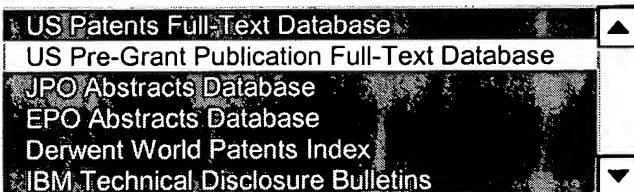
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

<u>L9</u>	18 and 16	0	<u>L9</u>
<u>L8</u>	17 and 11	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
	15 and (cetylpyridinium chloride or cetyl pyridinium chloride or		
<u>L6</u>	cationic surfactant? or cationic surface-active or cationic surface active	51	<u>L6</u>
)		
<u>L5</u>	14 and 11	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s 11 and (cetylpyridinium chloride or cetyl pyridinium chloride or	0	<u>L3</u>
	cationic surfactant or cationic surface active)		
<u>L2</u>	s 11 and (oil-soluble or oil soluble or water-insoluble or water	0	<u>L2</u>
	insoluble)		
	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or		
<u>L1</u>	licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or	4493	<u>L1</u>
	licochemical a or licochemical b or licoumarone?)		

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
CETYLPYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	2469
CETYL.DWPI,TDBD,EPAB,JPAB,USPT.	26785
PYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	24424
CATIONIC.DWPI,TDBD,EPAB,JPAB,USPT.	118515
SURFACE-ACTIVE.DWPI,TDBD,EPAB,JPAB,USPT.	26014
SURFACE.DWPI,TDBD,EPAB,JPAB,USPT.	5371763
ACTIVE.DWPI,TDBD,EPAB,JPAB,USPT.	1099127
SURFACTANT?	0
SURFACTANTA.DWPI,TDBD,EPAB,JPAB,USPT.	9
SURFACTANTE.DWPI,TDBD,EPAB,JPAB,USPT.	3
SURFACTANTG.DWPI,TDBD,EPAB,JPAB,USPT.	2
(L8 AND (CETYLPYRIDINIUM OR CETYL PYRIDINIUM OR CATIONIC SURFACTANT? OR CATIONIC SURFACE-ACTIVE OR CATIONIC SURFACE ACTIVE)).USPT,JPAB,EPAB,DWPI,TDBD.	6

[There are more results than shown above. Click here to view the entire set.](#)

Database:

Search:

L10	Refine Search
Recall Text	Clear

Search HistoryDATE: Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query
side by sideHit Count Set Name
result set

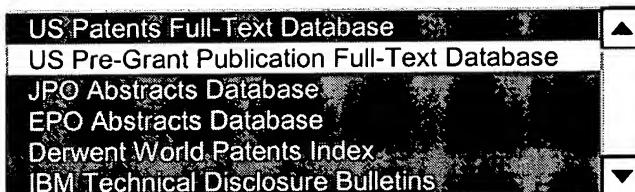
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

<u>L10</u>	18 and (cetylpyridinium or cetyl pyridinium or cationic surfactant? or cationic surface-active or cationic surface active)	6	<u>L10</u>
<u>L9</u>	18 and 16	0	<u>L9</u>
<u>L8</u>	17 and 11	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
<u>L6</u>	15 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	14 and 11	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s 11 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s 11 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
CETYLPYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	2469
CHLORIDE.DWPI,TDBD,EPAB,JPAB,USPT.	652716
CETYL.DWPI,TDBD,EPAB,JPAB,USPT.	26785
PYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	24424
CATIONIC.DWPI,TDBD,EPAB,JPAB,USPT.	118515
SURFACE-ACTIVE.DWPI,TDBD,EPAB,JPAB,USPT.	26014
SURFACE.DWPI,TDBD,EPAB,JPAB,USPT.	5371763
ACTIVE.DWPI,TDBD,EPAB,JPAB,USPT.	1099127
SURFACTANT?	0
SURFACTANTA.DWPI,TDBD,EPAB,JPAB,USPT.	9
SURFACTANTE.DWPI,TDBD,EPAB,JPAB,USPT.	3
(L5 AND (CETYLPYRIDINIUM CHLORIDE OR CETYL PYRIDINIUM CHLORIDE OR CATIONIC SURFACTANT? OR CATIONIC SURFACE-ACTIVE OR CATIONIC SURFACE ACTIVE)).USPT,JPAB,EPAB,DWPI,TDBD.	51

[There are more results than shown above. Click here to view the entire set.](#)

Database:

Search:

Search HistoryDATE: Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

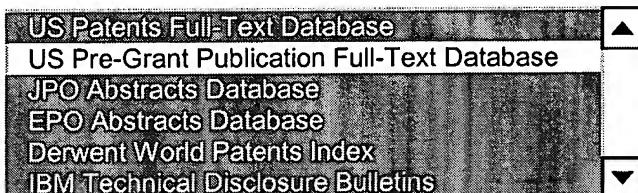
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
			result set
<u>L6</u>	l5 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	l4 and l1	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s l1 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s l1 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licocoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
ZINC.USPT.	175884
CETYL PYRIDINIUM.USPT.	2138
CETYL.DWPI,TDBD,EPAB,JPAB,USPT.	26785
PYRIDINIUM.USPT.	19380
((16 AND ((CETYL PYRIDINIUM.CLM.) OR (CETYL ADJ (PYRIDINIUM.CLM.)))) AND (ZINC.CLM.)).USPT,JPAB,EPAB,DWPI,TDBD.	28
(L16 AND ZINC.CLM. AND (CETYL PYRIDINIUM.CLM. OR CETYL PYRIDINIUM.CLM.)).USPT,JPAB,EPAB,DWPI,TDBD.	28

Database:**Search:**
 Search History**DATE:** Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

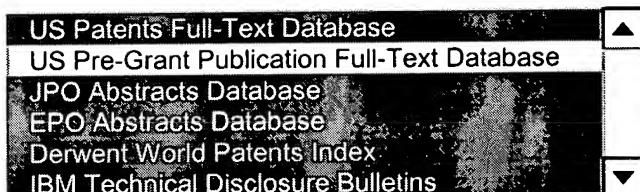
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

<u>L17</u>	l16 and zinc.clm. and (cetylpyridinium.clm. or cetyl pyridinium.clm.)	28	<u>L17</u>
<u>L16</u>	l15 and (zinc.clm. or cetylpyridinium.clm. or cetyl pyridinium.clm. or plaque.clm.)	210	<u>L16</u>
<u>L15</u>	l14 and (plaque or mouthwash or mouthrinse or dentifrice or toothpaste)	437	<u>L15</u>
<u>L14</u>	zinc and (cetylpyridinium or cetyl pyridinium)	1558	<u>L14</u>
<u>L13</u>	l11 and (plaque or mouthwash or mouthrinse or toothpaste or dentifrice)	5	<u>L13</u>
<u>L12</u>	l11 and l1	2	<u>L12</u>
<u>L11</u>	inulin and (cetylpyridinium or cetyl pyridinium)	55	<u>L11</u>
<u>L10</u>	l8 and (cetylpyridinium or cetyl pyridinium or cationic surfactant? or cationic surface-active or cationic surface active)	6	<u>L10</u>
<u>L9</u>	l8 and l6	0	<u>L9</u>
<u>L8</u>	l7 and l1	83	<u>L8</u>
<u>L7</u>	(inulin or oligosaccharide?)	10934	<u>L7</u>
<u>L6</u>	l5 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant? or cationic surface-active or cationic surface active)	51	<u>L6</u>
<u>L5</u>	l4 and l1	585	<u>L5</u>
<u>L4</u>	(oil-soluble or oil soluble or water-insoluble or water insoluble)	90683	<u>L4</u>
<u>L3</u>	s l1 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s l1 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licocoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Term	Documents
S.DWPI,TDBD,EPAB,JPAB,USPT.	5344167
CETYLPYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	2469
CHLORIDE.DWPI,TDBD,EPAB,JPAB,USPT.	652716
CETYL.DWPI,TDBD,EPAB,JPAB,USPT.	26785
PYRIDINIUM.DWPI,TDBD,EPAB,JPAB,USPT.	24424
CATIONIC.DWPI,TDBD,EPAB,JPAB,USPT.	118515
SURFACTANT.DWPI,TDBD,EPAB,JPAB,USPT.	192167
SURFACE.DWPI,TDBD,EPAB,JPAB,USPT.	5371763
ACTIVE.DWPI,TDBD,EPAB,JPAB,USPT.	1099127
((S ADJ 1) AND (((CETYLPYRIDINIUM ADJ CHLORIDE) OR (CETYL ADJ PYRIDINIUM ADJ CHLORIDE)) OR (CATIONIC ADJ SURFACTANT)) OR (CATIONIC ADJ SURFACE ADJ ACTIVE))).USPT,JPAB,EPAB,DWPI,TDBD.	0
(S L1 AND (CETYLPYRIDINIUM CHLORIDE OR CETYL PYRIDINIUM CHLORIDE OR CATIONIC SURFACTANT OR CATIONIC SURFACE ACTIVE)).USPT,JPAB,EPAB,DWPI,TDBD.	0



Database:

Search:

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**DATE: Monday, April 28, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
<u>L3</u>	s 11 and (cetylpyridinium chloride or cetyl pyridinium chloride or cationic surfactant or cationic surface active)	0	<u>L3</u>
<u>L2</u>	s 11 and (oil-soluble or oil soluble or water-insoluble or water insoluble)	0	<u>L2</u>
<u>L1</u>	(glycyrrhiza or glycyrrhiza glabra or licorice or glabrin? or licocalcone? or glycyrrhizic acid or glycyrrhetic acid or glabrene? or licochalcone a or licochalcone b or licocoumarone?)	4493	<u>L1</u>

END OF SEARCH HISTORY